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PTO/SB/21 (05-03)
Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/021,566
	Filing Date	December 12, 2001
	First Named Inventor	Douglas G. Hunter et al.
	Art Unit	3746
	Examiner Name	John F. Belena, Ph.D.
Total Number of Pages in This Submission	Attorney Docket Number	DKT 00147A (BWI-00061)

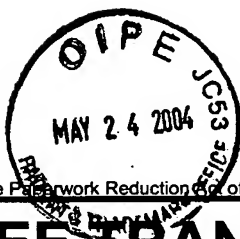
ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Form PTO/SB/08a and 08b with copies of 92 U.S. & 34 Foreign Patents; Return Receipt Postcard
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks Applicant believes no fee to be due for the attached filing, however, should additional fees be due in order to prevent the abandonment of this application, please consider this as authorization to charge Deposit Account No. 501612 (Warn, Hoffmann, Miller & LaLone, P.C.) for any such fees due.	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Warn, Hoffmann, Miller & LaLone, P.C. Philip R. Warn, Reg. No. 32775
Signature	
Date	

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Typed or printed name	Philip R. Warn - Reg. No. 32775
Signature	
Date	

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$) 180.00

Complete if Known

Application Number	10/021,566
Filing Date	December 12, 2001
First Named Inventor	Douglas G. Hunter et al.
Examiner Name	John F. Belena, Ph.D.
Art Unit	3746
Attorney Docket No.	DKT 00147A (BWI-000061)

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit
Account
Number
Deposit
Account
Name

501612

Warn, Hoffmann, Miller & LaLone, P.C.

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$) 0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims	Fee from below	Fee Paid
Total Claims		-20** =	X	0.00
Independent Claims		-3** =	X	0.00
Multiple Dependent				0.00

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$) 0.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 180.00

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Philip R. Warn	Registration No. (Attorney/Agent)	32775	Telephone	(248) 364-4300
Signature		Date			

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/021,566
Filing Date: December 12, 2001
Applicant: Douglas G. Hunter et al.
Group Art Unit: 3746
Examiner: John F. Belena, Ph.D.
Title: VARIABLE DISPLACEMENT VANE PUMP WITH
VARIABLE TARGET REGULATOR
Attorney Docket: DKT 00147A (BWI-00061)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant hereby submits an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS, AND OTHER INFORMATION

The patents, publications and other information submitted for consideration by the Office (except unpublished U.S. patent applications) are listed on Form 1449 or PTO/SB/08a and 08b attached hereto.

II. COPIES

A. ☒ Submitted herewith is a legible copy of (i) each U.S. patent application publication and U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; (iii) for each cited pending U.S. application, the application specification including the claims, and any drawing of the application which caused it to be listed including the claims directed to that portion; and (iv) all other information or that portion which caused it to be listed.

B. ☐ Any patents, publications or other information which are listed on Form 1449 or PTO/SB/08a and 08b or on the copies of PTO-892, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

05/25/2004 SSESHE1 00000058 10021566

01 FC:1806 180.00 0P

U.S. Serial Number

U.S. Filing Date

C. ___ This is a PCT application in the entry of the National Phase in the United States. A copy of the International Search Report is attached for the Examiner's information. The documents listed on the International Search Report are listed on the attached Form-1449 or PTO/SB/08a and 08b for consideration by the Examiner and for listing on any patent resulting from this application. Since the International Search Report was from the US, EPO, or JPO search authorities, copies of these references should have been supplied to the USPTO under the trilateral agreement and are believed to be in the file of the above-identified application. (MPEP 1893.03(g))

III. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)

A. ___ Except as may be indicated below in (B), all of the patents, publications or other information are in the English language (concise explanation not required).

B. ☒ A concise explanation of the relevance of each patent, publication or other information listed that is not in the English language is as follows (see 37 C.F.R. § 1.98(a)(3)):

1. ___ See the attached foreign search report.
2. ☒ English translations are provided for: the Abstracts.
3. ___ Other:

C. ___ The following additional information is provided for the Examiner's consideration.

IV. CROSS REFERENCE TO RELATED APPLICATION(S)

A. ☒ The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this(these) application(s) to the Examiner's attention, Applicant(s) does(do) not waive the confidentiality provisions of 35 U.S.C. § 122.

<u>Serial No.</u>	<u>Filing Date</u>	<u>Art Unit</u>
10/406,575	04/03/2003	3746
60/510,222	10/10/2003	3746
10/192,578	07/10/2002	3746

V. THIS IDS IS BEING FILED UNDER

A. ___ 37 C.F.R. § 1.97(b): (check only one box)

1. ___ within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) (37 C.F.R. § 1.97(b)(1)). No fee or certification is required.

2. ____ within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b)(2)). No fee or certification is required.

3. ____ before the mailing of a first Office Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below; or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).

4. ____ before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No fee or certification is required.

B. ____ 37 C.F.R. § 1.97(c): (check only one box)

- before the mailing date of either any Final Office Action under 37 C.F.R. § 1.113, a Notice of Allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution.

1. ____ No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).

2. ____ See the certification below. No fee is required.

C. ☒ 37 C.F.R. § 1.97(d):

- after the mailing date of either a Final Office Action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311, yet on or before payment of the issue fee.

1. ☒ See the certification below. A fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).

D. ____ 37 C.F.R. § 1.97(i):

- This Information Disclosure Statement does not comply with any of §1.97(b), (c) or (d), and therefore will not be considered by the Office, but will be placed in the file.

VI. CERTIFICATION UNDER 37 C.F.R. § 1.97(e): (check only one box)

The undersigned hereby certifies that:

A. ___ each item of information contained in this IDS was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(1)); or

B. ☒ no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(2)).

C. ___ Some of the items of information were first cited in a communication from a foreign patent office. As to this information, the undersigned hereby certifies that each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS.

VII. PAYMENT OF FEES (check only one box)

A. ___ Payment by Credit Card. Form PTO 2038 is enclosed in the amount of \$180.00 for the above-identified fee.

B. ☒ A check in the amount of \$180.00 is enclosed for the above-identified fee.

C. ___ Please charge Deposit Account No. 501612 in the amount of \$180.00 for the above-indicated fee. A duplicate copy of this paper is attached.

The above references are being cited only in the interest of candor and without any admission that they constitute statutory prior art, contain matter which anticipates the invention, or which would render the same obvious, either singly or in combination, to a person of ordinary skill in the art. Furthermore, this Information Disclosure Statement shall not be construed as a representation that a search has been made.

If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 501612.

Please charge any additional fees or credit any overpayment pursuant to 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 501612.

Respectfully submitted,

WARN, HOFFMANN, MILLER & LALONE, P.C.
Attorneys for Applicant(s)

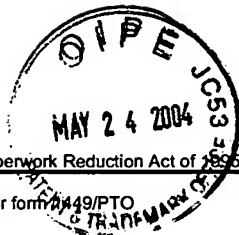
P.O. Box 70098
Rochester Hills, MI 48307
(248) 364-4300

By: 

Philip R. Warn
Reg. No. 32775

Dated:

PRW:
Enclosures



PTO/SB/08a (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/021,566
Filing Date	December 12, 2001
First Named Inventor	Hunter et al.
Art Unit	3746
Examiner Name	John F. Belena, Ph.D
Attorney Docket Number	DKT 00147A (BWI-000061)

Sheet 1 of 6

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,669,439	12-30-2003	Kardasz et al.	
		US- 6,615,683	09-09-2003	Voigt	
		US- 6,524,076	02-25-2003	Konishi	
		US- 6,488,479	12-03-2002	Berger	
		US- 6,408,975	06-25-2002	Bishop et al.	
		US- 6,216,651	04-17-2001	Ishikawa et al.	
		US- 6,202,016	03-13-2001	Stephenson et al.	
		US- 6,155,797	12-05-2000	Kazuyoshi	
		US- 6,131,539	10-17-2000	Thomas	
		US- 6,079,380	06-27-2000	Jorgensen et al.	
		US- 6,065,433	05-23-2000	Hill	
		US- 6,053,137	04-25-2000	Trzmiel et al.	
		US- 5,996,541	12-07-1999	Voigt et al.	
		US- 5,921,758	07-13-1999	Anamoto et al.	
		US- 5,918,573	07-06-1999	Killion	
		US- 5,904,126	05-18-1999	McKay et al.	
		US- 5,863,189	01-26-1999	Sundberg et al.	
		US- 5,826,556	10-27-1998	Ruman et al.	
		US- 5,800,131	09-01-1998	Lehmann et al.	

FOREIGN PATENT DOCUMENTS

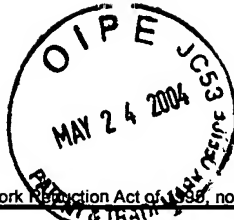
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		DE 102 37 801	07-17-2003	Voigt		
		WO 03/058071	07-17-2003	Voigt		✓
		english translation of WO 03/058071	07-17-2003	Voigt		
		WO 01/55597	08-02-2001	Pascoe		
		DE 40 38 549	07-17-2003	Wirbeleit		✓
		english translation of DE 40 28 549	07-17-2003	Voigt		

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08a (05-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **2** of **6****Complete if Known**

Application Number	10/021,566
Filing Date	December 12, 2001
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Art Unit	3746
Examiner Name	John F. Belena, Ph.D
Attorney Docket Number	DKT 00147A (BWI-000061)

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		Number-Kind Code ² (if known)			
		US- 5,797,732	08-25-1998	Watanabe et al.	
		US- 5,752,815	05-19-1998	Muller	
		US- 5,690,479	11-25-1997	Lehmann et al.	
		US- 5,630,383	05-20-1997	Kidera et al.	
		US- 5,618,165	04-08-1997	Larsson et al.	
		US- 5,588,504	12-31-1996	Spiegel et al.	
		US- 5,545,018	08-13-1996	Sundberg	
		US- 5,545,014	08-13-1996	Sundberg et al.	
		US- 5,544,628	08-13-1996	Voigt	
		US- 5,467,843	11-21-1995	Esch et al.	
		US- 5,465,699	11-14-1995	Voigt	
		US- 5,490,770	02-13-1996	Oogushi	
		US- 5,485,725	01-23-1996	Teraoka	
		US- 5,484,271	01-16-1996	Stich	
		US- 5,435,698	07-25-1995	Phillips	
		US- 5,404,855	04-11-1995	Yen et al.	
		US- 5,398,505	03-21-1995	Oogushi et al.	
		US- 5,390,635	02-21-1995	Kidera et al.	
		US- 5,355,851	10-18-1994	Kamiya	

FOREIGN PATENT DOCUMENTS

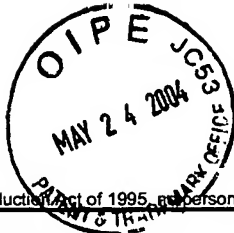
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		DE 36 217 20	01-08-1987	Voigt		
		DE 32 386 50	04-19-1984	Voigt		
		DE 32 304 32	02-16-1984	Voigt		
		DE 37 295 45	03-24-1988	Voigt		
		DE 37 423 15	07-28-1988	Voigt		
		DE 38 243 98	02-02-1989	Otto et al.		

Examiner
SignatureDate
Considered

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **3** of **6****Complete if Known**

Application Number	10/021,566
Filing Date	December 12, 2001
First Named Inventor	Hunter et al.
Art Unit	3746
Examiner Name	John F. Belena, Ph.D
Attorney Docket Number	DKT 00147A (BWI-00061)

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,353,753	10-11-1994	McGrath et al.	
		US- 5,339,776	08-23-1994	Regueiro	
		US- 5,315,971	05-31-1994	Yamada	
		US- 5,273,020	12-28-1993	Hayami	
		US- 5,239,885	08-31-1993	Voigt	
		US- 5,195,474	03-23-1993	Urata et al.	
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		US- 5,090,881	02-25-1992	Suzuki et al.	
		US- 5,085,187	02-04-1992	Black	
		US- 5,078,233	01-07-1992	Oetting et al.	
		US- 5,067,454	11-26-1991	Waddington et al.	
		US- 5,063,895	11-12-1991	Ampferer	
		US- 5,052,896	10-01-1991	Fischer et al.	
		US- 5,017,098	05-21-1991	Hansen et al.	
		US- 4,976,230	12-11-1990	Voigt	
		US- 4,974,562	12-04-1990	Ishii et al.	

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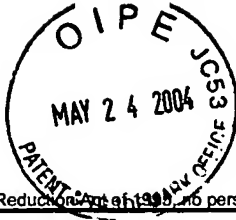
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		DE 38 40 909	06-29-1989	Voigt		
		DE 39 25 249	03-01-1990	Voigt		
		DE 42 42 871	06-23-1994	Straetz		
		DE 101 41 786	03-20-2003	Scholl		
		DE 44 44 819	06-20-1996	Luedtke		
		DE 101 44 693	03-27-2003	Voigt		

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 4

of 6

Complete if Known

Application Number	10/021,566
Filing Date	December 12, 2001
First Named Inventor	Hunter et al.
Art Unit	3746
Examiner Name	John F. Belena, Ph.D
Attorney Docket Number	DKT 00147A (BWI-00061)

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		Number-Kind Code ² (if known)			
		US- 4,905,807	03-06-1990	Rohs et al.	
		US- 4,850,269	07-25-1989	Hancock et al.	
		US- 4,825,692	05-02-1989	Rohs et al.	
		US- 4,803,969	02-14-1989	Hiereth et al.	
		US- 4,774,918	10-04-1988	Kurio et al.	
		US- 4,754,738	07-05-1988	Grohn et al.	
		US- 4,740,142	04-26-1988	Rohs et al.	
		US- 4,738,330	04-19-1988	Suzuki et al.	
		US- 4,710,106	12-01-1987	Iwata et al.	
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		US- 4,531,898	07-30-1985	Ideta	
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		US- 4,510,962	04-16-1985	Mott et al.	
		US- 4,496,288	01-29-1985	Nakamura et al.	
		US- 4,468,173	08-28-1984	Dantlgraber	
		US- 4,450,818	05-29-1984	Thoma et al.	
		US- 4,369,743	01-25-1983	Holt et al.	

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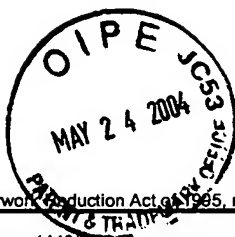
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		JP 62 294 790	12-22-1987	Takagi et al.		
		DE 43 02 610	01-30-1993	Weber et al.		
		CA 23 85 897	11-10-2003	Pascoe et al.		
		WO 01/79703	10-25-2001	Pascoe		
		EP 1 316 683	06-04-2003	Maier		
		EP 1 350 930	10-8-2003	Koenig et al.		

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Application Number	10/021,566
Filing Date	December 12, 2001
First Named Inventor	Hunter et al.
Art Unit	3746
Examiner Name	John F. Belena, Ph.D
Attorney Docket Number	DKT 00147A (BWI-00061)

Sheet 5 of 6

U. S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
		US- 4,348,159	09-07-1982	Acheson	
		US- 4,328,480	05-04-1982	Keitel et al.	
		US- 4,325,215	04-20-1982	Yamamoto	
		US- 4,292,805	10-06-1981	Acheson	
		US- 4,259,039	03-31-1981	Arnold	
		US- 4,236,595	12-02-1980	Beck et al.	
		US- 4,222,718	09-16-1980	Lemke	
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		US- 3,918,855	11-11-1975	Bornholdt	
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		US- 3,011,308	12-05-1961	Wotring	
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP 1 130 262	09-05-2001	Voigt		
		FR 2 673 676	09-11-1992	Lazar et al.		
		FR 2 597 546	10-23-1987	Voigt		
		JP 8 14164	01-16-1996	Niwada		
		JP2001 159395	06-12-2001	Konishi		
		JP 2001 173575	06-26-2001	Nakamura		

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Sheet	6	of	6
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY			
		EP 1 076 164	02-14-2001	Wust		
		2001-294166	10-23-2001	Yukihisa		
		DE 37 11 792	10-22-1987	Voigt		
		DE 34 46 603	01-11-1985	Tantardini		

Examiner Signature		Date Considered	
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